

CLAIMS

1. A seal molding material for cell electrolytic solution, which comprises an EPDM composition comprising a peroxide-crosslinkable EPDM and an organic peroxide, the seal molding material being for use at the electrode site of a nickel-hydrogen cell.

2. A seal molding material for cell electrolytic solution according to Claim 1, wherein the EPDM has a Mooney viscosity $ML_{1+4}(100^{\circ}\text{C})$ of 25 to 80.

3. A seal molding material for cell electrolytic solution according to Claim 1, wherein the EPDM composition comprises 100 parts by weight of a peroxide-crosslinkable EPDM, 10 to 150 parts by weight of a filler and 1 to 8 parts by weight of an organic peroxide.

4. A seal molding material for cell electrolytic solution according to Claim 3, wherein the filler is carbon black.

5. A seal molding material for cell electrolytic solution according to Claim 3, wherein not more than 40 parts by weight of hydrocarbon-based oil is further contained.

6. A seal material for cell electrolytic solution, made by cross-linking molding of a seal molding material for cell electrolytic solution according to Claim 1, 3 or 5, the seal material being used at the electrode site of a nickel-hydrogen cell.

7. A seal material for cell electrolytic solution according to Claim 6 for use at the electrode site of a nickel-hydrogen cell using a potassium hydroxide-based electrolytic solution.

8. A seal material for cell electrolytic solution according to Claim 6, which shows an energized immersion durability, when the seal material is immersed in an electrolytic solution energized by a DC current, and the

surface deterioration state of the seal material subjected to the energized immersion for a predetermined time is visually observed.

9. A seal material for cell electrolytic solution according to Claim 8, which shows an energized immersion durability against a potassium hydroxide-based electrolytic solution.